

Page 66, last line, change "concentrated" to -- concentrated --.

Page 106, antepenultimate line, change "polynucleotoides" to -- polynucleotides --.

Page 108, line 6, delete the first word in the line "since".

Page 108, line 7, before "nuclease degradation" change "for" to -- from --.

In The Claims:

Amend claim 240 as follows:

240. (Amended) A method of detecting [an analyte] a nucleic acid of interest
in a sample, which method comprises the steps of

(a) [contacting] permitting hybridization of said nucleic acid of interest in the
sample with an oligo- or polynucleotide comprising at least one compound comprising
[selected from the group consisting of]

(i) a nucleotide having the formula
PM-SM-BASE-Sig wherein

PM is a phosphate moiety,

SM is a sugar moiety,

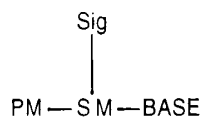
BASE is a pyrimidine, purine or 7-deazapurine
moiety, and

Sig is a detectable moiety,

wherein PM is attached at the 3' or the 5' position of the sugar moiety
SM when said nucleotide is a deoxyribonucleotide and at the 2', 3' or 5'
position when said nucleotide is a ribonucleotide, BASE is attached to
the 1' position of SM from the N¹ position when BASE is a pyrimidine or
the N⁹ position when BASE is a purine or a 7-deazapurine, and Sig is
covalently attached to BASE at a position other than the C⁵ position
when BASE is a pyrimidine, at a position other than the C⁸ position when

BASE is a purine and at a position other than the C⁷ position when
BASE is a 7-deazapurine;

[(ii) a ribonucleotide having the formula



wherein

PM is a phosphate moiety,

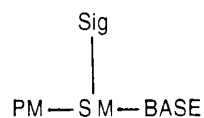
SM is a sugar moiety,

BASE is a pyrimidine, purine or 7-deazapurine
moiety, and

Sig is a detectable moiety,

wherein PM is attached at the 2', 3' or 5' position of SM, BASE is
attached to the 1' position of SM from the N¹ position when BASE is a
pyrimidine or the N⁹ position when BASE is a purine or a 7-deazapurine,
and Sig is covalently attached to SM; and

(iii) a nucleotide having the formula



wherein

PM is a phosphate moiety,

SM is a sugar moiety,

BASE is a pyrimidine, purine or 7-deazapurine, and

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Sig is a detectable moiety,

wherein PM is attached to the 3' or the 5' position of SM when said nucleotide is a deoxyribonucleotide and at the 2', 3' or 5' position when said nucleotide is a ribonucleotide, BASE is attached to the 1' position of SM from the N¹ position when BASE is a pyrimidine or the N⁹ position when BASE is a purine, and Sig is covalently attached to PM;] and

(b) detecting the presence of any of the oligo- or polynucleotides which have [bound] hybridized to said [analyte] nucleic acid of interest.

Cancel claims 262-263 and 275-277, without prejudice or disclaimer.

Add new claim 283 as follows:

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-- 283. (New) The method of claim 274 wherein when said microorganism is Streptococcus pyrogenes or Neisseria meningitidis, said antibiotic is penicillin, wherein when said microorganism is Staphylococcus aureus, Candida albicans, Pseudomonas aeruginosa, Streptococcus pyrogenes, or Neisseria gonorrhoea, said antibiotic is a tetracycline, and wherein when said microorganism is Mycobacterium tuberculosis, said antibiotic is an aminoglycoside. --
